

RECKER ET AL.
SCI1244ZC
'REPLACEMENT SHEET'

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MISMATCH CALCULATOR FOR DATA ENTRY

smos7lv ☐ MOS ☐ nlv ☐ Voltage Driven ☐

110
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Create Data Entry Form
View Related Plots

Model= smos7lv_sps_tsg.udlib.rev0b

Calculate
Reset
email address: *****

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MISMATCH RESULTS

W= 2 Vd= 2.5 X-Cpl= OFF
L= 2 Vg= 1 CTC= 0.0000
Vb= 0 Sigma= 1
Temp= 27

150
158

MISMATCH NOTES

Mismatch model based on Lot MB19168, wafer7 from C1SD

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MISMATCH RESULTS

Total 2.7828% 4.9071mV
dl 0.0294 0.0442
dwox 0.0091 0.0193
gox 0.2070 0.4081
nsub 0.0118 0.0236
rsh 0.0000 0.0000
ubref 0.3572 0.7159
vfb 2.6715 4.7872
vfl 0.0026 0.0044
vtw 0.3956 0.6924

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MISMATCH RESULTS

Single String From To Steps
Vd: (V) [xxx] [xxxx] [xxx] [xxx]
Vg: (V) [xxx] [xxxx] [xxx] [xxx]
Vb: (V) [xxx] [xxxx] [xxx] [xxx]
W: (cdr) [xxx] [xxxx] [xxx] [xxx]
L: (cdr) [xxx] [xxxx] [xxx] [xxx]
Temp (C): [xxx] [xxxx] [xxx] [xxx]

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MISMATCH RESULTS

Cross Coupled? ☐ Center-to-Center [xxx] Sigmas(8) [xxx]
Show Mismatch Process Parameter Contributions ☐
Show Capacitances and Conductances ☐
Show Vdsat at [xxx] dB drop from peak Rout: Step Size= [xx] V

FIG. 2

RECKER ET AL.
SCI2442C
'REPLACEMENT SHEET'

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